

PART NO. : HFJ12-1G01ER-L12RL

1X2 FASTJACK™ WITH 1000BASE-T MAGNETICS

COMPLIANT TO IEEE802.3ab STANDARDS

RoHS COMPLAINT

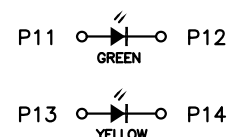
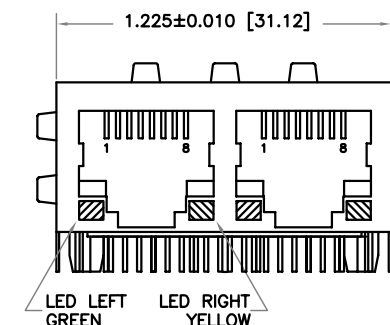
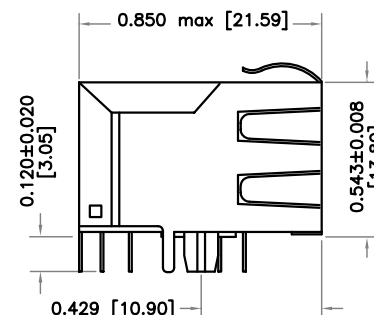
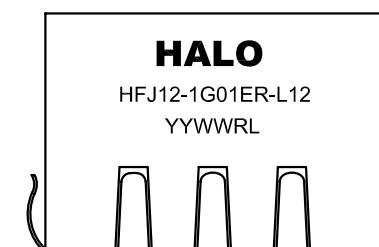
COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS
FOR THROUGH HOLE COMPONENTS

OPERATING TEMPERATURE 0/70°C

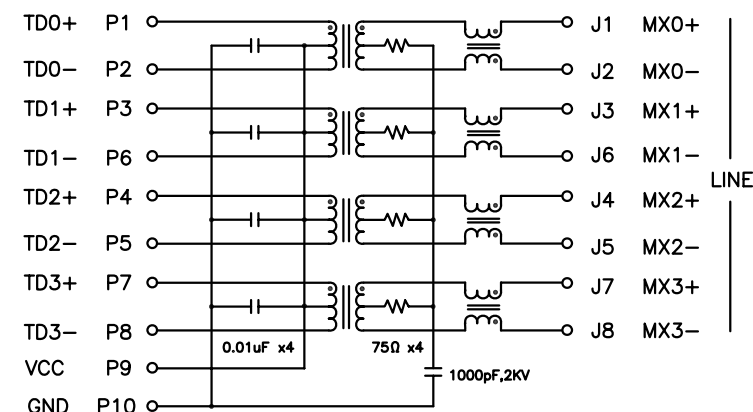
ELECTRICAL SPECIFICATIONS @25° C

URNS RATIO	1:1±3%
OCL (100KHz,0.1V,8mA)	350μH min
INSERTION LOSS 1-100MHz	-1.1dB max
RETURN LOSS 1-40MHz	-18dB min
60MHz	-14dB min
80MHz	-12dB min
100MHz	-10dB min
CROSSTALK 1-100MHz	-35dB typ
CMR 0.1-30MHz	-50dB typ
30-60MHz	-40dB typ
60-100MHz	-35dB typ
ISOLATION	1,500Vrms

Housing Material: Polyester, Black UL94V-0
 Contacts: Phosphor Bronze 30μin Au
 plating over Ni
 Leads: Matte Sn over Ni plating
 Shield: Cu Alloy with Ni plating 40μin min
 Durability: 1000 mating cycles
 Dimensions: Inch [mm]
 Tolerances: ±0.008 inch if not specified

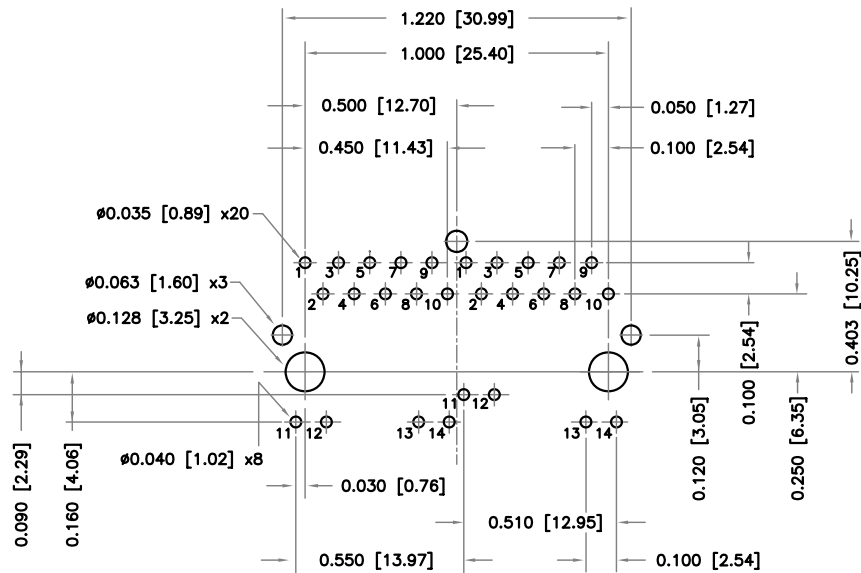


LED FORWARD VOLTAGE/
CURRENT: 2.1V/10mA typ

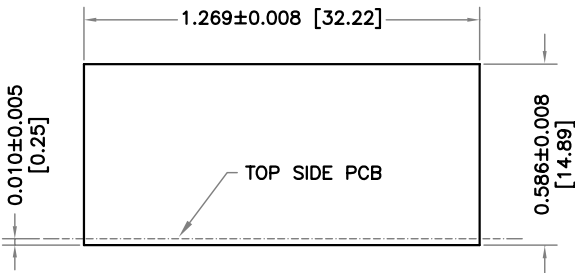
**HALO/PBL**

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	FastJack™ 1x2	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	GIGABIT ETHERNET	DRAWN PETER LU	8/17/06	A		
PART NO.	HFJ12-1G01ER-L12RL	CHECKED				
SCALE	NONE	APPROVED				
PAGE	1 OF 2	FILE	HFJ121G01ER-L12RL.DWG			



RECOMMENDED P.C. BOARD PATTERN (COMP. SIDE)
TOLERANCES ± 0.002 [0.05] UNLESS SPECIFIED



RECOMMENDED PANEL CUTOUT

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
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PAGE 2 OF 2		FILE HFJ121G01ER-L12RL.DWG						